FIG. 1
PRIOR ART
100

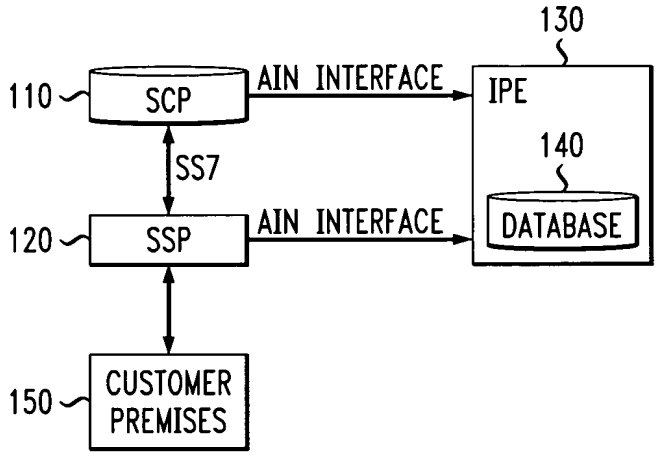


FIG. 2
PRIOR ART
10

20	ANNOUNCEMENT ID (MOST SIGNIFICANT)		A1
	ANNOUNCEMENT ID (LEAST SIGNIFICANT)		A2
	NUMBER OF INFORMATION DIGITS		B
	DIGIT 2	DIGIT 1	C1
	DIGIT N + 1	DIGIT N	C2

FIG. 3

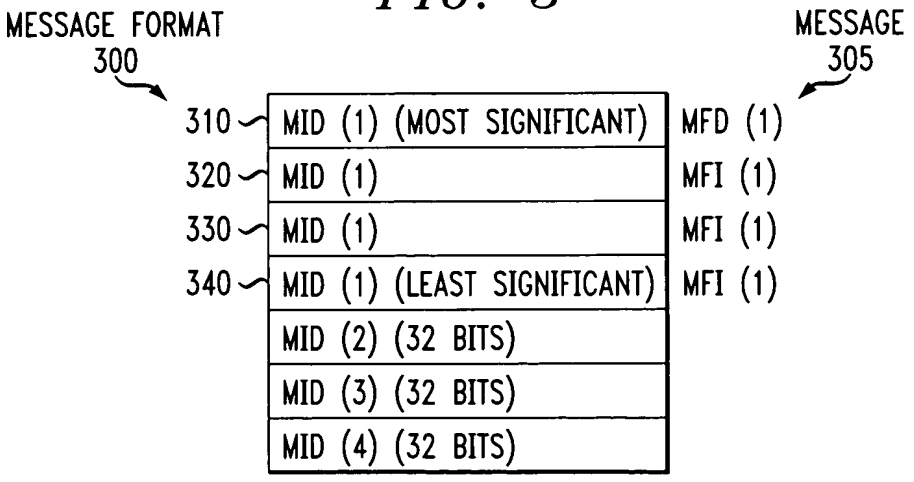


FIG. 4

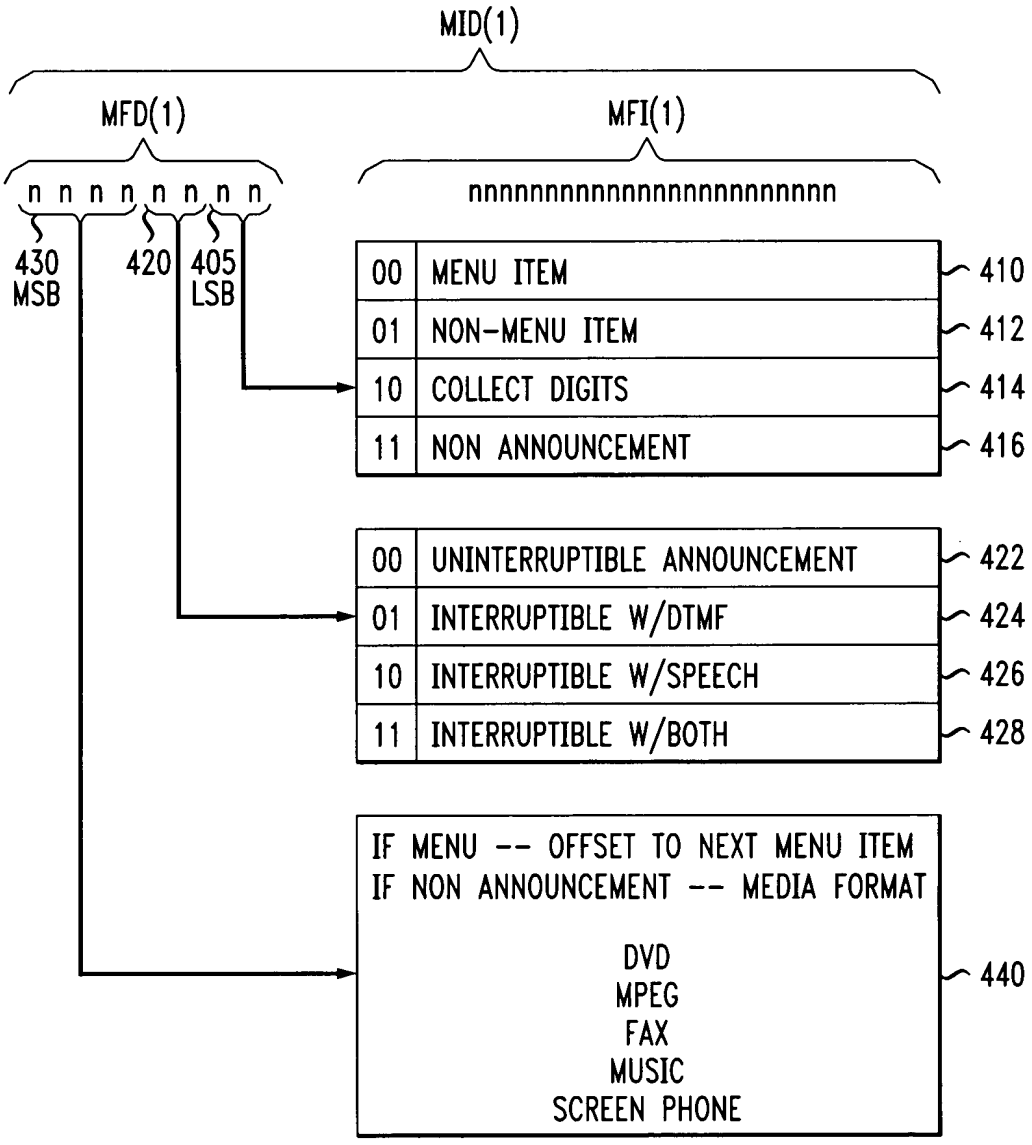

MID(1)
MFD(1)
MFI(1)
n n n n n n n n
nnnnnnnnnnnnnnnnnnnnnnnn
430 MSB
420
405 LSB
00 MENU ITEM
410
01 NON-MENU ITEM
412
10 COLLECT DIGITS
414
11 NON ANNOUNCEMENT
416
00 UNINTERRUPTIBLE ANNOUNCEMENT
422
01 INTERRUPTIBLE W/DTMF
424
10 INTERRUPTIBLE W/SPEECH
426
11 INTERRUPTIBLE W/BOTH
428
IF MENU -- OFFSET TO NEXT MENU ITEM
IF NON ANNOUNCEMENT -- MEDIA FORMAT
DVD
MPEG
FAX
MUSIC
SCREEN PHONE
440

FIG. 5

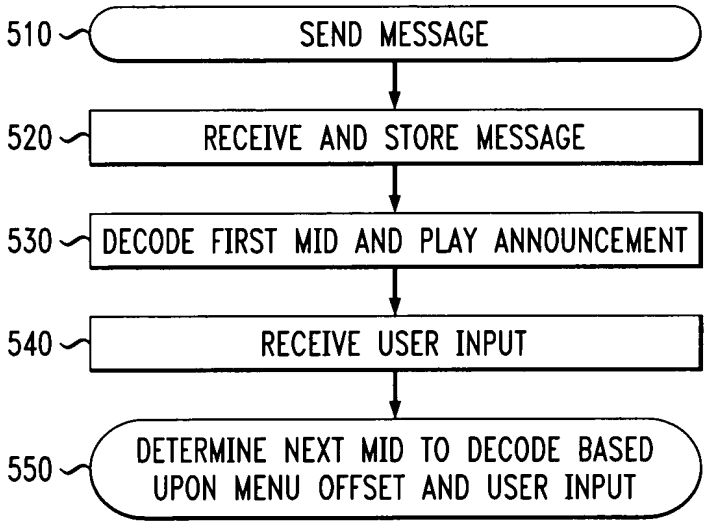
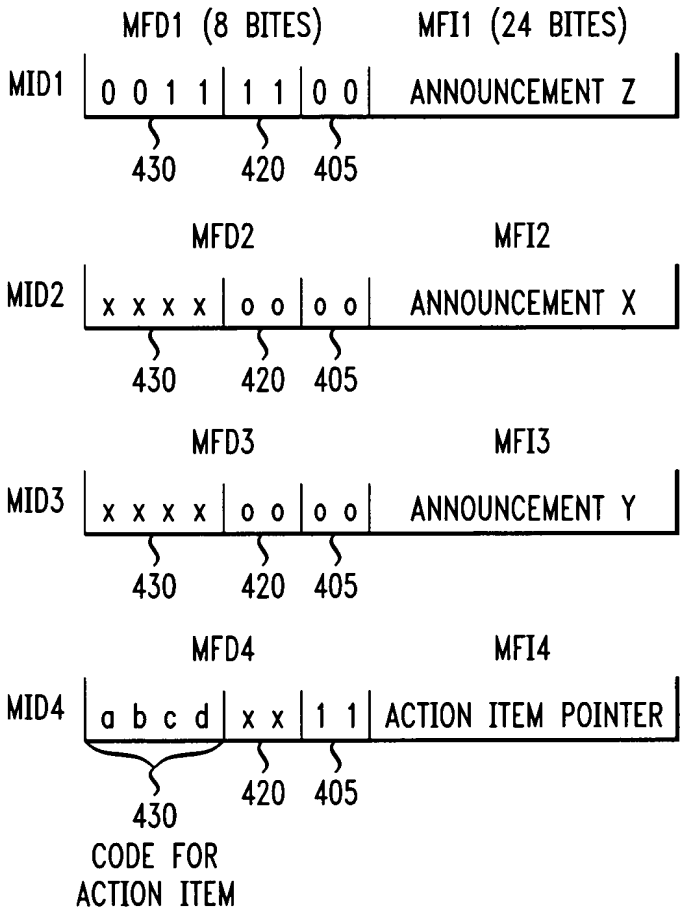

510
SEND MESSAGE
520
RECEIVE AND STORE MESSAGE
530
DECODE FIRST MID AND PLAY ANNOUNCEMENT
540
RECEIVE USER INPUT
550
DETERMINE NEXT MID TO DECODE BASED UPON MENU OFFSET AND USER INPUT

FIG. 6


MFD1 (8 BITES)
MFI1 (24 BITES)
MID1
0 0 1 1
1 1
0 0
ANNOUNCEMENT Z
430
420
405
MFD2
MFI2
MID2
x x x x
o o
o o
ANNOUNCEMENT X
430
420
405
MFD3
MFI3
MID3
x x x x
o o
o o
ANNOUNCEMENT Y
430
420
405
MFD4
MFI4
MID4
a b c d
x x
1 1
ACTION ITEM POINTER
430
420
405
CODE FOR
ACTION ITEM